

WHAT IS CLAIMED IS:

1. An image reading apparatus, comprising:
an original placement stand for placing an
original;

5 scanning means for optically scanning the original
placed on said original placement stand;

driving means for driving said scanning means
along said original placement stand;

energizing means for energizing said driving
10 means;

detecting means for detecting a position of said
scanning means by backing or reciprocating said
scanning means; and

controlling means for controlling the position of
15 said scanning means,

wherein said controlling means stops said scanning
means in a predetermined position after completion of
scanning the original with said scanning means and said
energizing means energizes said driving means for a
20 predetermined time period to generate a braking force,
and

wherein said scanning means starts to scan the
original from the predetermined position without
detecting the position of said scanning means by said
25 detecting means when an original reading instruction is
inputted within the predetermined time period.

2. An image reading apparatus according to claim 1, wherein when the original reading instruction is inputted after an elapse of the predetermined time period, said scanning means starts to scan the original after the position of said scanning means is detected by the detecting means.

3. An image reading apparatus according to claim 1, wherein said driving means has a pulse motor and said energizing means energizes said pulse motor more weakly than for scanning to generate the braking force.

4. An image reading apparatus according to claim 1, wherein said energizing means de-energizes said driving means after an elapse of the predetermined time period.

5. An image reading apparatus according to claim 1, wherein said scanning means starts to scan the original after a shading compensation is preformed independently of whether the original reading instruction is inputted at a timing within the predetermined time period or after an elapse of the predetermined time period.

6. An image reading apparatus according to claim

5, wherein said shading compensation is performed when said scanning means is positioned in said predetermined position.

5 7. An image reading apparatus according to claim
1, wherein when the original reading instruction is
inputted after an elapse of the predetermined time
period, said scanning means starts to scan the original
after a shading compensation is performed, and wherein
10 when the original reading instruction is inputted
within the predetermined time period, said scanning
means starts to scanning the original without the
shading compensation.

15 8. An image reading apparatus according to claim
1, wherein the predetermined time period is variable,
and further comprising setting means for setting the
predetermined time period.

20 9. An image reading apparatus according to claim
1, wherein said predetermined position is a position in
that said detecting means detects the position of said
scanning means.

25 10. An image reading apparatus according to
claim 1, wherein said image reading apparatus is
arranged as a part of a copying machine having an image

forming portion including deflecting means for
deflecting an image light beam with a rotation of said
deflecting means and said image forming portion rotates
said deflecting means for a given time period after
5 completion of a series of image forming processes.

11. An image reading apparatus according to
claim 10, wherein said deflecting means comprises a
rotary polygon mirror.

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12. An image reading apparatus according to
claim 10, wherein said predetermined time period is
substantially equal to the given time period.

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